

REMARKS

Claims 1-14 and 16-40 are pending in the Application, of which claims 1 and 2 are in independent form. Claims 1 and 2 are amended herein. Claims 6 and 7 were previously withdrawn from consideration. Pursuant to C.F.R. § 1.111(2), this supplemental amendment is submitted for the, “adoption of examiner suggestion(s).” *See* C.F.R. § 1.111(2)(B); *also see* MPEP § 714.03(a).

Applicants believe the amendment provided herein places the application in condition for allowance and respectfully request the same.

I. Examiner Interview

Applicants wish to thank Examiner Reidel for the interview extended to Applicants’ representative John Thompson and his associates David Miller and Joseph Hawkins on Tuesday July 15, 2008. In the interview, several potential claim amendments were discussed. The amendments to the claims in this Supplemental Response reflect the claim amendments suggested by Examiner Reidel in the interview.

II. Amendments to Claims 1 and 2

Claims 1 and 2 are amended herein to recite, “acquiring a plurality of electronic heartbeat signals from an individual in an electrical signal form using an optical sensor...” Claim 1; Emphasis added. The specification teaches the use of an optical sensor to measure biometric information, such as a heartbeat waveform:

“...an infrared light transmitter transmits an IR signal into a person's finger when the finger is placed on the transmitter. The signal transmitter is activated and a signal is emitted from the signal transmitter and is transmitted into the dermal and subdermal tissues of the person's finger. The signal is partly absorbed and reflected by the dermal and subdermal tissues. The reflected signal is received by a signal receiver and transmitted through receiving wires to a chip where the received signal or features of the signal are individualized. The signal may then be sufficiently unique to act as a biometric identifier or may be analyzed to provide extracted features of the signal that can be used as a biometric marker such as a digital heartbeat waveform. The biometric identifier is then stored for future use in authenticating the person.” Pg. 12 ¶ 2. Emphasis added.

Claims 1 and 2 are further amended herein to recite, “weighing the pre-selected heartbeat

waveform feature; [and] providing a different statistical weight for each pre-selected heartbeat waveform feature...” Claim 1; Emphasis added.

CONCLUSION

For the reasons discussed above, Applicants submit that the claims are in proper condition for allowance, and a Notice of Allowance is respectfully requested. If the Examiner notes any further matters that may be resolved by a telephone interview, the Examiner is encouraged to contact John Thompson by telephone at (801) 578-6994.

Respectfully submitted,

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